

DETAILS

CALCULATED/ DESIGNED BY CHECKED BY

OJECT ENGINEER

BRANCH

DESIGNS

SPECIAL

altans

DEPARTMENT OF TRANSPORTATION

OF CALIFORNIA

-CMS door

MEDIAN

Traffic to right of sign

#	TABLE R (QUAN	TITIES)				
"h"(f+)	Weight (Ibs) walkway 1 side	Weight (Ibs) walkway 2 sides				
16	8,750	10,287				
18	8,942	10,477				
20	9,132	10,668				
22	9,324	10,858				
24	9,513	11,048				

**FOUNDATION NOTES** FOUNDATION DESIGN See Reference Sheet 31 for standard foundation design. Review shall include alternative foundation types where CIDH pile foundation is not recommended. Project Plans and Structure Details may need revisions # per foundation recommendations.

# Not to be included in contract documents.

## # Instructions for using this sheet:

- 1. Read "FOUNDATION NOTES" above.
- 2. Choose the type of CMS desired, and place this information in "Table 1" under the heading "CMS Type".
- 3. Determine the "h" value based on site information, and enter that value in "Table 1" under the heading "h".
- 4. Find the "h" value in "TABLE R" of the type of CMS you are using and find the quantity given in either the "1 side" or "2 sides" column, and enter this value in "Table 1" under the "FURNISH" heading and the "INSTALL" heading. Indicate on this sheet if you are using walkways on 1 side or two sides of truss by choosing the appropriate note "1".
- 5. Continue to fill in "Table 1" with the appropriate corresponding values for CMS you are using.

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
	ISTERED (	CIVIL ENGIN /al date	REGISTER	ESSION	LNO INEER
agents	shall not be i	rnia or its offi responsible for electronic copie		CIVIL CAL IFORM	*
	aet to the	Caltrans wet	b site, go to: http://v		

FULL CANTILEVER					
MS door CMS door	# TABLE R (QUA	NTITIES)	# CMS door	CMS door	‡
	"h"(ft) Weight (lbs) 1 side	Weight (Ibs) walkway 2 sides			
	16 9,235	10,895	E T W		
	18 9,427	11,085			
	20 9,617	11,277		Assumed   L_L Elev. A	
Assumed Elev. A	22 9,809	11,466			
ASSUMED ETEV. A	24 9,998	11,658			
ght of sign  ELEVATION  OFF SHOULDER  Traffic to left of sign			MEDIAN  Traffic to right of sign  EL	EVATION  OFF SHOULDER  Traffic to left of sign	
UNBALANCED BUTTERFLY			BALANCE	D BUTTERFLY	

16       9,586       11,334         18       9,778       11,524         20       9,967       11,716         22       10,158       11,905	"h"(ft)	Weight (Ibs) walkway 1 side	Weight (Ibs) walkway 2 sides
20 9,967 11,716	16	9,586	11,334
, , , , , , , , , , , , , , , , , , , ,	18	9,778	11,524
22 10,158 11,905	20	9,967	11,716
	22	10,158	11,905
24 10,349 12,097	24	10,349	12,097

## TABLE 1

								QUANTITIES						
CMS Type	Loc No.	Station	Route	Orien- tation	X (f+)	"h" (f+)	Assume Elev A	ed (ft)	** Elev B (ft)	Furni	sh (lbs)	Install	(lbs)	4'-0" Dia CIDH Pile (ft)
							100	.00		See	TABLE R	See TAE	BLE R	*
			_											
			-		-			1						

\* See data from foundation recommendations \*\* Assumed Elev. B is at bottom of base plate

## NOTES:

- 1. Quantities are based on either 1-side or 2-sides walkway.
- 2. For layout and dimensions see "LAYOUT" sheet.
- 3. Quantities do not include "State furnished CMS Panel".
- 4. The contractor shall verify all controlling field dimensions before ordering or fabricating any material.

SIGN PLAN MODEL 510 CHANGEABLE MESSAGE SIGNS OVERHEAD SIGN TRUSS SINGLE POST DESIGN TABLE

USERNAME => RYee DGN FILE => ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

new-sht30.dgn

CU

EΑ

30

PLOTTED => 25-0C PLOTTED => 04:15

10/4/06 DATE TIME